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AMENDMENT UNDER 37 C.F.R. 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2178
PATENT
Application 10/664,754
Attorney Docket 2002P15652US01 (1009-039)

AMENDMENTS

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A method for representing HMI user screens comprising the activities of:

- via an information device:
- obtaining an organization and a hierarchy of a collection comprising a plurality of human machine interface (HMI) screen nodes, each of the plurality of HMI screen nodes a visual representation of a corresponding visual display of a human machine interface adapted to interpret communications from a human operator of an industrial plant to an automated machine controller;
- automatically determining an arrangement of the collection;
- responsive to a detected collision between a parent node of said hierarchy of said collection and a leaf node of the parent node, automatically adjusting a position of said parent node; and
- rendering the collection according to the arrangement.

2. (Previously presented) The method of claim 1, further comprising calculating a position of the leaf node.

3. (Original) The method of claim 1, further comprising calculating a position of a visible leaf.

4. (Previously presented) The method of claim 1, further comprising calculating the position of the parent node.

5. (Previously presented) The method of claim 1, further comprising detecting the collision.